l	2	3	4
28.	Multifunction Digital De modulator and Bit-Synchroniser	Yes	Yes
29.	Multifunction Simulator	No	Ye*
30.	Texturemeter	No	*Yes*
31.	Laser Range Finder	No	Yes
32.	Auto Focus Enlarger	No	Yes

(d) The names of products which are under development and to be commercialised are the following:—

1. UNIX Based Quick Look Browsing System
2. Pattern recognition and image enhancement software
3. Micro-MIDAS (Mk-II)
4. Frame Synchroniser

These technologies being still under development, the tentative project cost and expected demand are not available.

Technologies Developed by ISRO

4863. SHRI G.Y. KRISHNAN: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that Indian Space Research Organisation, Bangalore and its branches have developed technologies for various products for its captive consumption as well as genera! use; if so, what are the details thereof; and

(b) what are the names of the products, serial-wise for which technologies are yet to be transferred to the entrepreneurs by ISRO, their tentative annual requirements, unit price (Appro.); project cost and details of buy back guarantee by ISRO and other agencies?

THE MINISTER OF STATE IN THE PRIME MINISTERS OFFICE AND MINISTER OF STATE IN THE DEPARTMENTS OF AUTOMIC ENERGY AND SPACE AND MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI BHUVNESH CHATURVEDI): (a) Yes, Sir. So far, Indian Space Research Organisation has developed and transferred to industries 224 technologies of these eight technologies covered products, which required buyback from ISRO. Further, 88 technologies related to space related applications, for which products are bought by various user Ministries and agencies outside ISRO. These indude items like telecommunication ground systems, disaster warning receiver system and remote sensing data interpretaties equipment. Rest of! 128 technologies transferred belonged to products of general use.

(c) Several technology developments in ISRO are being follwed up in fields like chemicals, electronics,: electromechanical, telecommunications and optical fields for adaptations to general use. However, none of these items are assessed to be required primarily foe ISRO's buyback. Hence the annual requirements, unit price and project cost are decided by agencies marketing ; such products Normally such data could be worked out when the technology is mature for transfer and often in conjunction with industries acquiring technologies.

Supply of Cryogenic Booster Engines to India

4864. SHRI V. NARAYANASAMY: Will the PRIME MINISTER be pleased to state:

(a) whether any discussion was h;H recently between the team of